

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073901.D
 Acq On : 21 Jul 2022 17:34
 Operator : VA/SY
 Sample : N3814-06
 Misc : 6.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-3(10-15)

Quant Time: Jul 22 01:20:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	125612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	232727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	230671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	105819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	81551	54.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.740%
35) Dibromofluoromethane	7.909	113	81035	49.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.332	98	290348	48.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.620	95	106403	51.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.840%

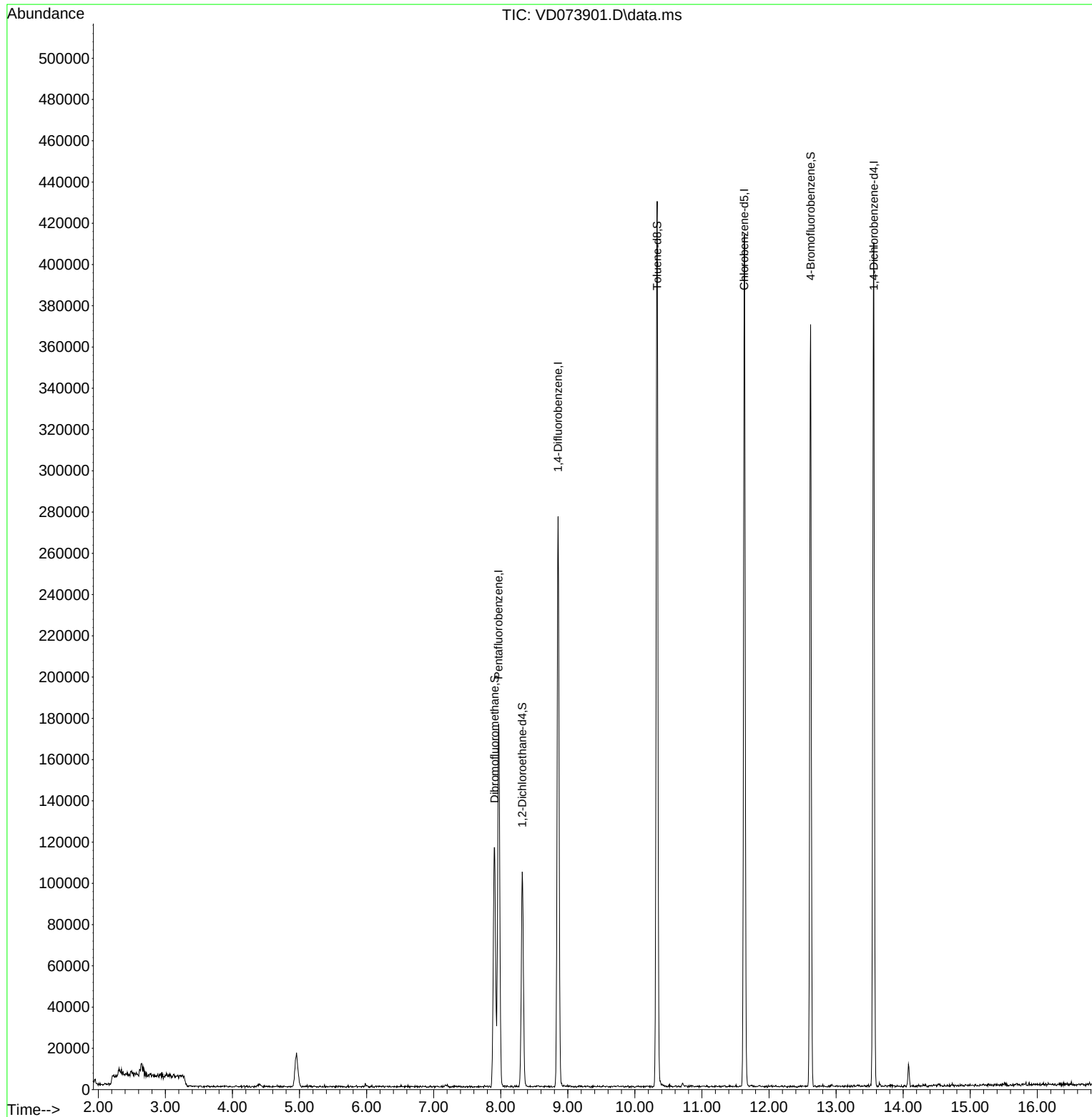
Target Compounds	Qvalue

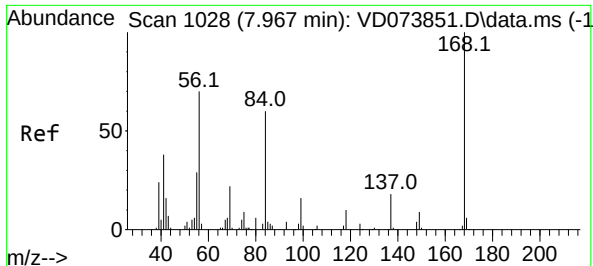
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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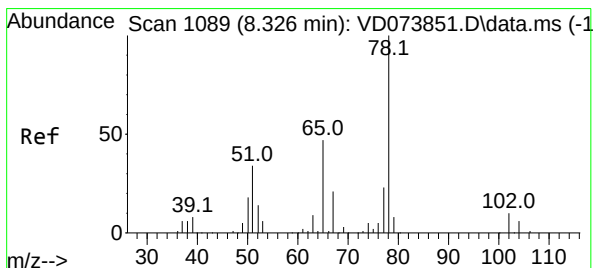
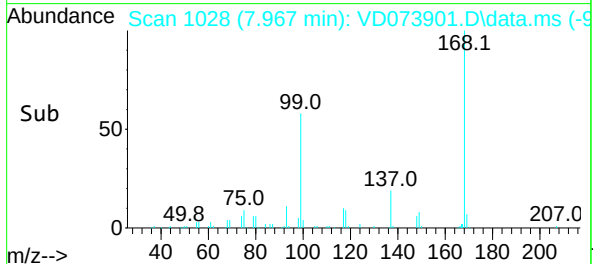
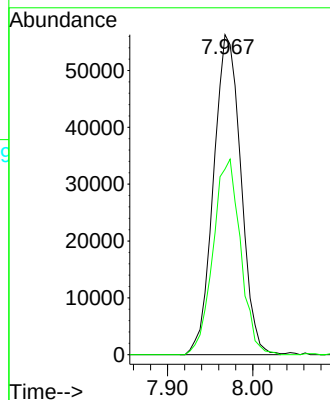
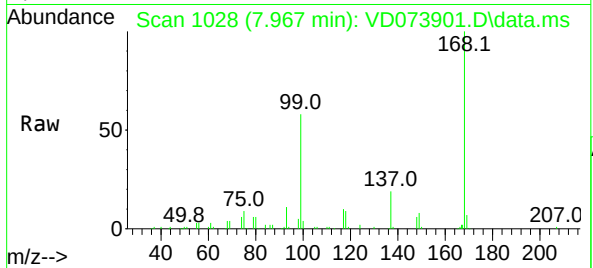




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

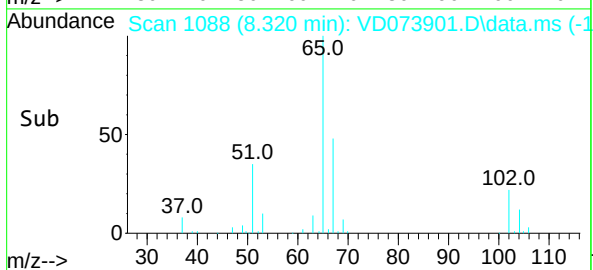
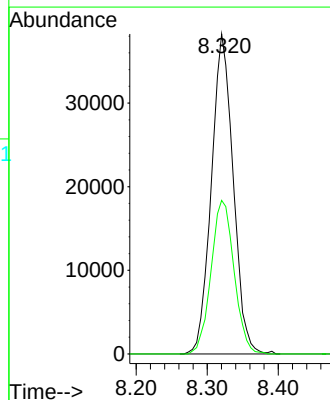
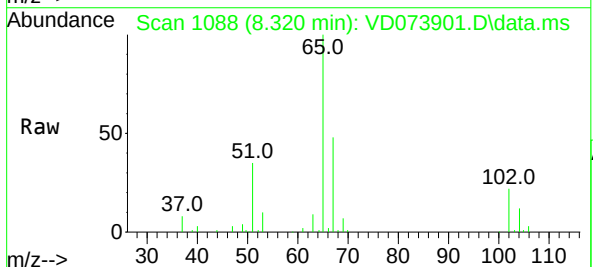
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

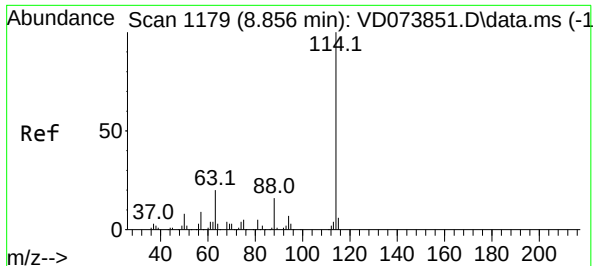
Tgt Ion:168 Resp: 125612
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.369 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 65 Resp: 81551
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073901.D

Acq: 21 Jul 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-3(10-15)

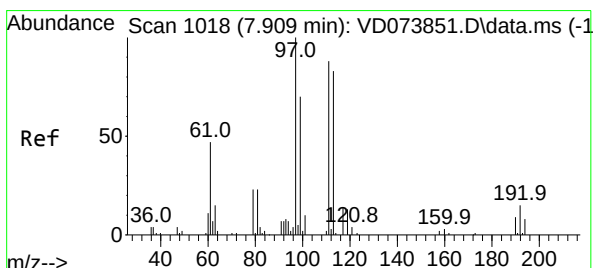
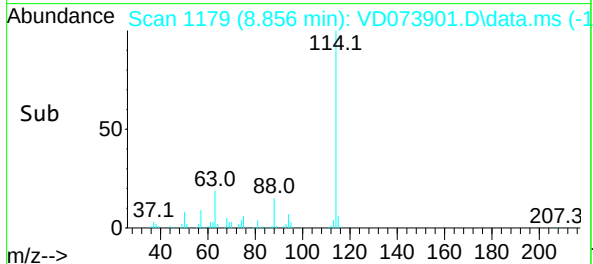
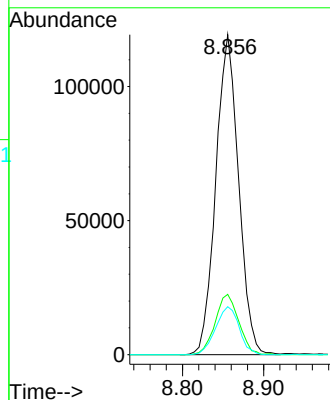
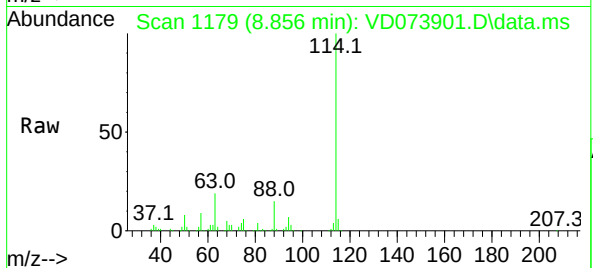
Tgt Ion:114 Resp: 232727

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.356 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073901.D

Acq: 21 Jul 2022 17:34

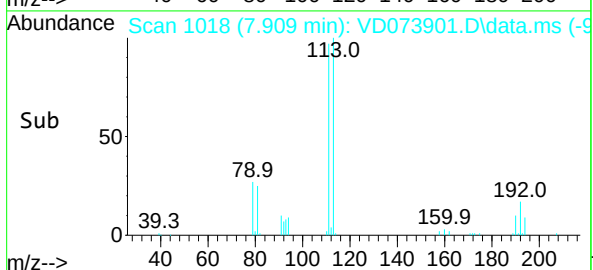
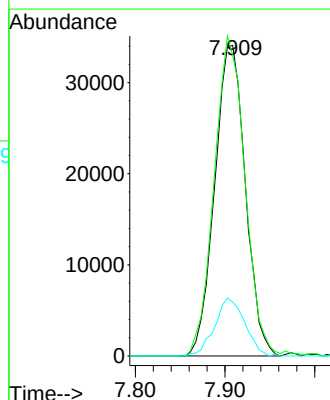
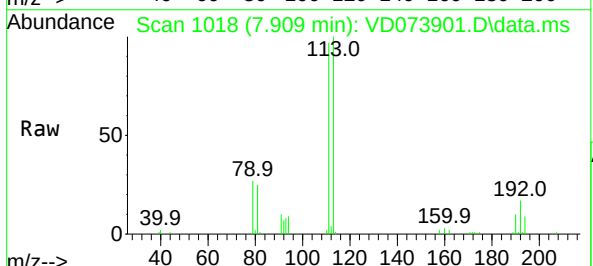
Tgt Ion:113 Resp: 81035

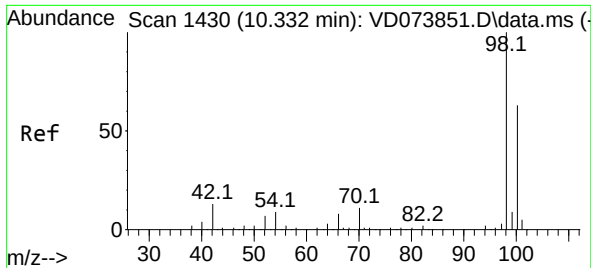
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.3 14.6 21.8

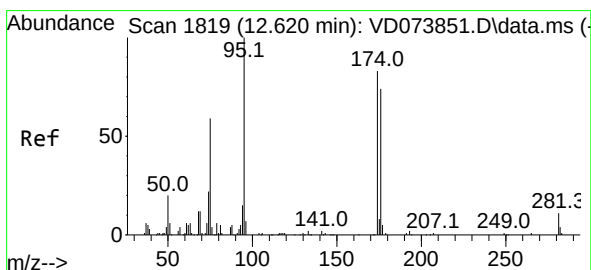
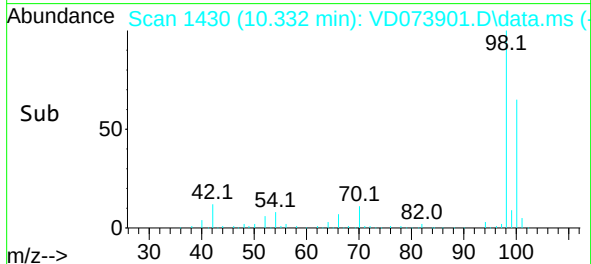
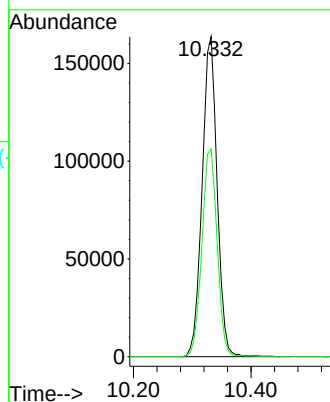
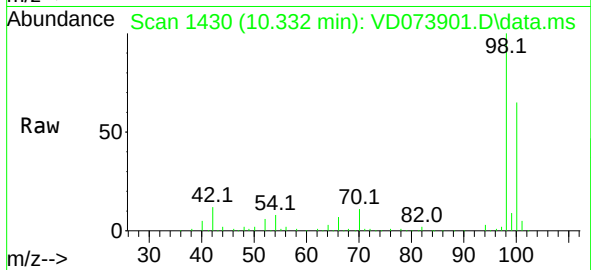




#50
Toluene-d8
Concen: 48.714 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

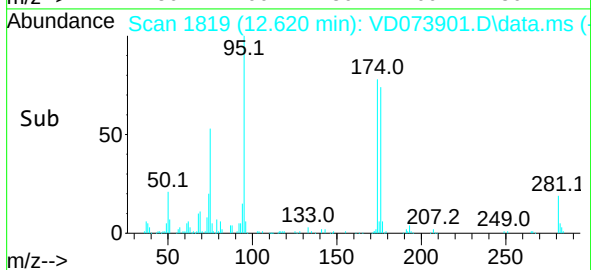
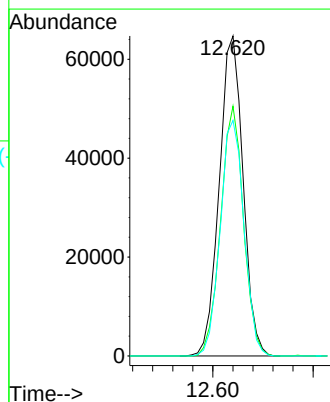
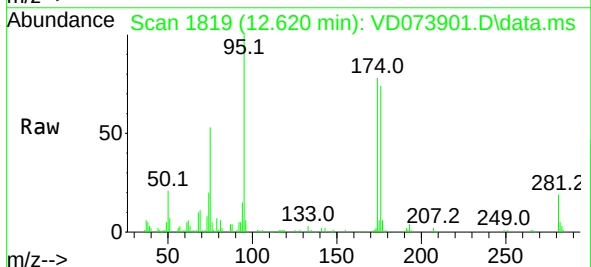
Instrument :
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ENV-DE-3(10-15)

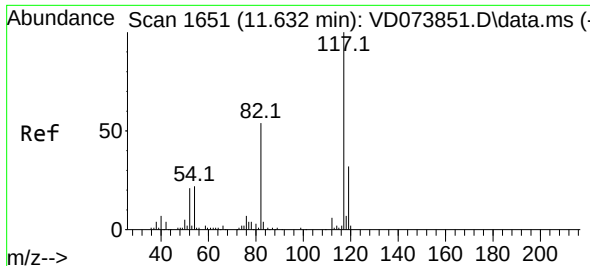
Tgt Ion: 98 Resp: 290348
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.923 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion: 95 Resp: 106403
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 73.5 0.0 145.4

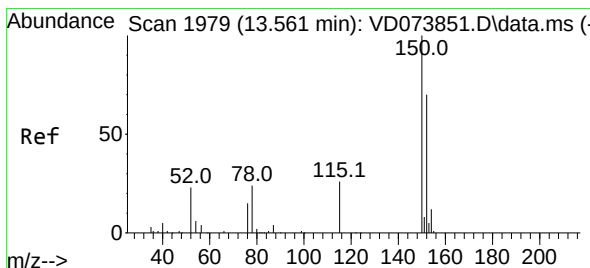
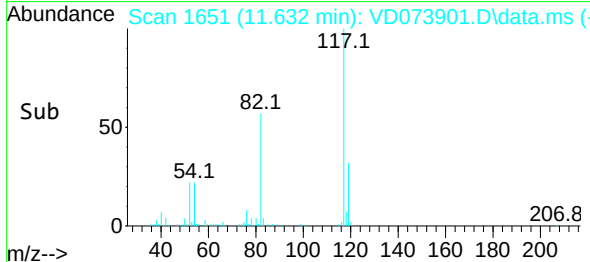
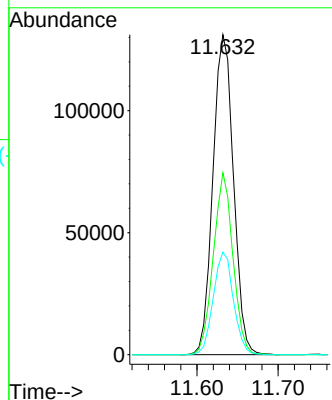
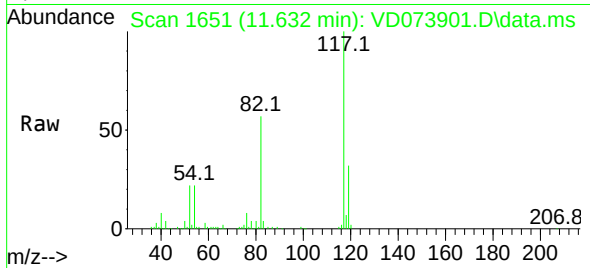




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(10-15)

Tgt Ion:117 Resp: 230671
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073901.D
Acq: 21 Jul 2022 17:34

Tgt Ion:152 Resp: 105819
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 155.1 0.0 348.6

